

## Marri Laxman Reddy **Institute of Pharmacy**

(Approved by AICTE & PCI, New Delhi, JNTUH Affiliated)

Dundigal -Gandimaisamma (V)&(M) Medchal Dt, Hyderabad Telangana State - 500043

"To succeed in your mission you must have a single minded devotion to your goal."

- Dr. A. P. J. Abdul Kalam

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#### Sri Marri Laxman Reddy

#### Chairman

#### **MLR Group of Institutions**

He has been in the field of education for more than three decades. He is an exemplary personality and extraordinary visionary and a constant inspiration to the younger generation. He is a veteran athlete of international repute. He emphasizes the importance of physical health for academics and overall personality development.

#### Sri Marri Rajshekar Reddy

Founder-Secretary **MLR Group of Institutions** 

He is a person of great acumen and remarkable abilities. He is a dynamic leader and strives hard to make every dream a reality. He is an initiator, innovator, and executor of novel plans for the progress of the institutions. He is the motivational and driving force of all the activities in the campus.



#### PRINCIPAL'S DESK

#### A Tale of Inspiration:

It may not necessarily always come from a celebrity. Even an ordinary person may inspire and influence many in one or other way. The real time experiences of them are often exciting and stimulating.

I will tell about a person who is in fact a student of mine. She created a record of that sort in Gujarat Technological University, Ahmedabad by scoring SGPA of 10 out of 10 for her dissertation in M. Pharm. When she approached for a job in Pharma Company in her hometown, she was told there was no vacancy. But when their conversation slowly led to an unexpected interview, she was offered a job and asked her to report immediately because of her depth in the subject.

Her start up idea was declared the 4th best with a cash prize of 1 Lakh among 650 in the event conducted by GTU and felicitated by the Vice chancellor and consulates of France and Britain. She MLR Institute of Pharmacy is launching an ayurvedic formulation for diabetes soon. Sure I hope this story will surely stimulate us.



Dr. K. S. Murali Krishna **Professor & Principal** 

A great person said somewhere: **Success gives you the positive addiction than** any other.... Is it not?

# **About MLRIP**



To be an educational institute of par excellence and produce competent pharmacy professionals to serve the community through research and the ever-increasing needs of Industry.



- 1. Imparting quality education and innovative research for various career opportunities.
- 2. Creating conducive academic environment to produce competent pharmacy professionals.
- **3.** Indoctrination of students adorned with high human values and make them aware of their responsibility as health care professionals.

#### PROGRAMME EDUCATIONAL OBJECTIVES (PEO's)

- **PEO 1:** To produce graduates with sound theoretical knowledge and technical skills required for their career opportunities in various domains.
- **PEO 2:** To incite the students towards research and to address the challenges with their innovative contributions for the benefit of the mankind.
- **PEO 3:** To instill the essence of professionalism, ethical commitment to become a health care professional with sound integrity and adherence to the core human values in the service of the society.

#### PROGRAMME OUTCOMES

- 1. Pharmacy Knowledge: Possess knowledge and comprehension of the core and basic knowledge associated with the profession of pharmacy, including biomedical sciences; pharmaceutical sciences; behavioral, social, and administrative pharmacy sciences; and manufacturing practices.
- 2. **Planning Abilities:** Demonstrate effective planning abilities including time management, resource management, delegation skills and organizational skills. Develop and implement plans and organize work to meet deadlines.
- 3. **Problem analysis:** Utilize the principles of scientific enquiry, thinking analytically, clearly and critically, while solving problems and making decisions during daily practice. Find, analyze, evaluate and apply information systematically and shall make defensible decisions.
- 4. **Modern tool usage:** Learn, select, and apply appropriate methods and procedures, resources, and modern pharmacy-related computing tools with an understanding of the limitations.
- 5. Leadership skills: Understand and consider the human reaction to change, motivation issues, leadership and team-building when planning changes required for fulfillment of practice, professional and societal responsibilities. Assume participatory roles as responsible citizens or leadership roles when appropriate to facilitate improvement in health and well-being.

- **6. Professional Identity:** Understand, analyze and communicate the value of their professional roles in society (e.g., health care professionals, promoters of health, educators, managers, employers, employees).
- 7. **Pharmaceutical Ethics:** Honour personal values and apply ethical principles in professional and social contexts. Demonstrate behavior that recognizes cultural and personal variability in values, communication and lifestyles. Use ethical frameworks; apply ethical principles while making decisions and take responsibility for the outcomes associated with the decisions.
- 8. **Communication:** Communicate effectively with the pharmacy community and with society at large, such as, being able to comprehend and write effective reports, make effective presentations and documentation, and give and receive clear instructions.
- 9. **The Pharmacist and society:** Apply reasoning informed by the contextual knowledge to assess societal, health, safety and legal issues and the consequent responsibilities relevant to the professional pharmacy practice.
- 10. **Environment and sustainability:** Understand the impact of the professional pharmacy solutions in societal and environmental contexts, and demonstrate the knowledge of, and need for sustainable development.
- 11. **Life-long learning:** Recognize the need for, and have the preparation and ability to engage in independent and life-long learning in the broadest context of technological change.

# Medicine Watch

## DENGVAXIA (Dengue, tetravalent vaccine, Live)

Dengue is a mosquito-borne viral infection causing flu-like illness, and occasionally develops into a potentially lethal complication called severe dengue. The incidence of dengue has grown dramatically around the world in recent decades. The Centers for Disease Control and Prevention (CDC) estimate that 400 million people are infected each year.

There is no specific treatment for dengue fever. The best method of prevention is to avoid mosquito bites. The development of a vaccine for dengue is on for decades and recently it is reported that a vaccine has been developed.

Proper Name: Dengue Tetravalent Vaccine, Live

Tradename: DENGVAXIA

**Manufacturer:** Sanofi Paateur Inc. **INDICATIONS AND USAGE:** 

Dengvaxia is a tetravalent live vaccine indicated for the prevention of dengue disease caused by dengue virus serotypes 1, 2, 3 and 4. It is approved for use in individuals 9 to 16 years of age with laboratory-confirmed previous dengue infection and living in endemic areas.

#### Limitations of use:

- Dengvaxia is not approved for use in individuals not previously infected by any dengue virus serotype or for whom this information is unknown. Previous dengue infection can be assessed through a medical record of a previous laboratory-confirmed dengue infection or through serological testing prior to vaccination.
- The safety and effectiveness of Dengvaxia have not been established in individuals living in dengue nonendemic areas who travel to dengue endemic areas.

#### **MECHANISM OF ACTION:**

Following administration, Dengvaxia elicits denguespecific immune responses against these four dengue virus serotypes. However, the exact mechanism of protection has not been determined.

#### DOSAGE AND ADMINISTRATION:

For subcutaneous use only.

**Dose:** Three doses (0.5 mL each) 6 months apart (at month 0, 6, and 12).

#### **Administration:**

After reconstitution, withdraw 0.5 mL of DENGVAXIA and administer subcutaneously immediately or store refrigerated at 2°C to 8°C (36°F to 46°F) and use within 30 minutes. Do not administer DENGVAXIA by intramuscular injection.

#### **DOSAGE FORMS AND STRENGTHS:**

DENGVAXIA is a suspension for injection (supplied as a lyophilized powder to be reconstituted with the supplied diluent, 0.4% NaCl). A single dose, after reconstitution, is 0.5 mL.

#### **SIDE EFFECTS:**

#### **Injection site reactions:**

Pain, erythema and swelling.

#### **Systemic adverse reactions:**

Asthenia, Fever, Headache, Malaise and Myalgia.

#### **CONTRAINDICATIONS:**

A history of severe allergic reaction to a previous dose of DENGVAXIA or to any component of DENGVAXIA. Immunocompromised individuals.

#### WARNINGS AND PRECAUTIONS:

- Increased Risk of Severe Dengue Disease Following DENGVAXIA in Persons not Previously Infected with Dengue Virus.
- Management of Acute Allergic Reactions.
- Limitations of Vaccine Effectiveness.
- Syncope.

#### **DRUG INTERACTIONS:**

Concomitant Administration with Other Vaccines:

Data are not available to establish the safety and immunogenicity of concomitant administration of DENGVAXIA with recommended adolescent vaccines.

#### **Immunosuppressive Treatments:**

Immunosuppressive therapies, including irradiation, antimetabolites, alkylating agents, cytotoxic drugs and corticosteroids (used in greater than physiologic doses), may reduce the immune response to DENGVAXIA.

#### **Drug/Laboratory Test Interactions:**

False negative tuberculin purified protein derivative (PPD) test results may occur within 1 month following vaccination with DENGVAXIA.

Dr. Gabriela Keerthana Gondhi, Pharm. D, Asst. Professor / Shruthi Gatla, Pharm. D VI year

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# HEALTH DAYS TO REMEMBER

#### AUGUST

1st - 7th

World Breastfeeding Week

DECEMBER

1st World AIDS

Day

#### SEPTEMBER

1<sup>st</sup> – 7<sup>th</sup>: National Nutrition Week

10th: World Suicide Prevention Day

17th: World Patient Safety Day

21st: World Alzheimer's Day

25th: World Pharmacist Day

8<sup>th</sup>: World Rabies Day

29th: World Heart Day

## NOVEMBER

12th -18th : World Antibiotic

Awareness Week

14th: World Diabetes Day

17th: National Epilepsy Day

OCTOBER

Breast Cancer Awareness Month

2<sup>nd</sup>: National Anti-Drug

Addiction Day

10th: World Mental Health Day

11th: World Obesity Day

12th: World Arthritis Day

15th : World Handwashing Day

20th : World Osteoporosis Day

21st:World Iodine Deficiency Day

24th : World Polio Day

Dr. Kainat Panjwani, Pharm. D, Asst. Professor / Alekhya Jakkoju, Pharm. D VI year.

Our student, V. SAI VAISHNAVI of Pharm. D VI year, presented a paper at APP 8th annual convention, organized by JSS College of Pharmacy, Mysore on 24th & 25th july 2019

Out of 300 research papers she was awarded with 1st Prize for best e-poster in Department of Pharmacy Practice.



Ms. Niveditha Ghosh of B. Pharm III year represented JNTUH in South Zone Inter University Hand Ball tournament at Chennai



Our student, *V. SAI VAISHNA-VI* of Pharm. D VI year, presented a paper at 70<sup>th</sup> Indian Pharmaceutical Congress, held from 21<sup>st</sup> to 23<sup>rd</sup> December 2018 with a theme "Pharma Vision 2030" at New Delhi and selected as one among the three finalists in the oral presentation category.



# Student's corner

#### CLINICAL PHARMACY PRACTICE IN INDIA

#### P. UNNATI, PHARM.D INTERN

It's been 10 plus years since the inception of the degree doctor of pharmacy (Pharm D) in India and the role of clinical pharmacists is still underutilized, not deemed important by either the community or other health care providers. Although on the bright side not only has our drug therapy expertise with potentiality of optimizing medication use and positive health outcomes, been brought to light by national controversies but it has also led the government of India officially introduced the role of clinical pharmacist in the Indian healthcare system in august 2019. In the backdrop, the need for clinical pharmacists as a part of multidisciplinary team is emerging especially in country like ours where there's one government doctor for every 11,528 people, one nurse for every 483 people and 50,00,000 patients die annual due to medication errors.

# **STUDENTS' PERSPECTIVE:** A study revealed that

- About 85% of the students studying pharm D agreed that Pharm D professionals can minimize medication errors, maximize cost-effectiveness and improve patient outcomes.
- 61% of the students claimed that the profession is not valued in the way it deserves.

- 82.4% students suggested that there should be an enhanced inter -professional relationship between Clinical Pharmacist and a physician for better patientcare.
- 90% of them agreed that clinical pharmacist should be appointed at the PHC (Public Health Centre) and CHC (Community Health Centre) at villages and rural areas.
- Only one-fourth i.e. 26.5% of the students agreed that doctors and other healthcare staff will accept the interventions made by clinical pharmacists.
- 85% of the students showed a positive inclination towards Pharm D students and academic staff attending international conferences abroad to broaden their vision.
- 72.1% students want institutions to invest the academic funds in research related activities which can assist in creating young research scholars.
- 91% students claimed towards need for licensing examination for registration as a pharmacist in India like in other countries.

#### **CLERKSHIP AND INTERNSHIP:**

Students in pharm D spend two years training in a hospital gaining practical exposure as well as offering services like:

- Patient medication history interview.
- ◆ Optimization of maximum therapeutic efficacy of drugs by:
- 1. Adverse drug reactions monitoring.

- 2. Medication Reconciliation.
- 3. patient counseling.
- Providing drug information to other healthcare professionals.

The exposure they gain and the contributions they make from above are enough to vouch for their clinical skills however, several research studies making a clinical pharmacist's role concrete with progressive health outcomes as results. Clinical pharmacists were making significant contributions in the fields like oncology, non-communicable diseases like diabetes, psychiatry, drug information centres and pharmacovigilance.

#### IN TYPE - II DIABETES:

The pharmaceutical care provided to patients in a study through counselling and teaching, by clinical pharmacist in a clinical setting showed statistically significant positive clinical outcomes in patients with type 2 diabetes mellitus. Findings showed improvement in terms of FBS (fasting blood sugar), PPBS (post prandial blood sugar), Systolic and Diastolic blood pressure post intervention in the study.

#### **ONCOLOGY:**

Cancer is a kind of disease which requires vigorous chemotherapy with many potential definite side effects, ADRs and therapeutic failure. A physician oncologist sure cannot assess, monitor, minimize each ADR weight them with respect to the patient in every ward round.

P.T.O

# Student's corner

Physicians can neither call for therapeutic team meeting upon each and every case. Therefore, a clinical pharmacist is the best fit to bridge the gap in oncology.

problems encountered during cancer (DICs): therapy in a particular hospital and • later used clinical pharmacist intervention to tackle them. The findings included:

- 1279 ADRs were reported in 1133 patients from a cohort of 1328 patients.
- A total of 1359 medicationrelated problems were identified from 2120 medication orders reviewed of 1362patients followed during the study period.

#### PHARMACOVIGILANCE:

- India (PvPI) was established in July, 2010 with an intention to improve patient safety and welfare in Indian population by monitoring drug safety and thereby reducing the risk associated with the use of medicines.
- Research in this area in India could be wide-ranging considering research done by Clinical Pharmacists in Pharmacy Practice, other healthcare professionals and pharmaceutical industry.
- Nearly all studies were carried out in a single centre. There is an important need for networking of Pharmacovigilance researchers towards multicentre studies

with harmonized methodology, this particular need of the hour for pharmacovigilance sector in India can be perfectly fulfilled by the clinical pharmacists.

# A study focused on all the clinical DRUG INFORMATION CENTRES

- DICs are defined as operational units that provide up-to-date scientific and technical information on medicines in an objective and timely manner. National Poisons Information Centre at AIIMS, New Delhi, established in 1995 in the Department of Pharmacology provides round-the-clock information on poisoning, drug reactions, and analytical services on an emergency basis to help in diagnosis and management. It also provides training to residents posted in the centre.
- DIC in South India reported that questions most commonly asked were regarding dosage and administration (27%), adverse reactions (24%), and drug therapy (15%). Queries were also asked on many occasions for other purposes such as availability/cost, drug interactions, pharmacokinetics, pharmacodynamics, pregnancy and lactation, indication, content, contraindication, generics, drug pro le, and poisoning all of which falls into a clinical pharmacist's expertise.
- Therefore, it's safe to say that Pharm.D graduates can be a perfect fit for this line of work considering the current lack of trained technical personnel for DICs provided suffi-

cient DICs are properly established with all resources.

#### **CHALLENGES:**

- 1. Role of pharmacist in providing patient care as a part of multidisciplinary team is emerging yet training of pharmacists as specialist pharmacists (like oncology, cardiology, etc.) is a long way to go.
- 2. Introducing drug information residency/fellowships for training of postgraduate students should be followed in India to overcome the deficiency of trained workforce and also provide round-the-clock services in the DICs - all of which require allocation of human, infrastructural and financial resources.

#### **CONCLUSION:**

Clinical pharmacy practice in India is yet to grow. To make place for the practice in daily healthcare system there need to be some radical shift in not only hospital policies and resources but also the national healthcare, public health and drug policies in general. However, with the amount scientific evidence showing positive health outcomes the value and acceptability of the practice shall no longer remain questionable. While the patient safety practice remains out of jurisdiction there are drug information centres and pharmacovigilance sector that could readily absorbing the professionals.

# Faculty achievements

Dr. Nalini Kanta Sahoo was awarded as best professor out of 1200 nominations for his outstanding performance in teaching techniques at *Ideal Teaching* Award **Programme** (ITAP) 2018 awards by Tutor Pride.





Dr. Arunabha Mallik, Won Best Research Paper Presenter Award in 288th **International** Conference on Pharma and Food (ICPAF) held on 18th to 19th August 2018 at Langkawi, Malaysia on the topic "Evaluation of RBC membrane stabilization and immunostimulatory effect of Sesbania grandiflora flowers extract".



Maddukuri sravya won First prize for work her "Screening of stabilizers in azithromycin nanosuspensions" at Indo -Malaysian conference, with the theme "Advances and current scenario of pharmaceutical sciences" held at Malla Reddy College of Pharmacy on 9th March, 2019.

## Snippets from Principal

## HANS INDIA (All Editions)

# Alzheimer's disease: an overview and severe possible for a disease a symptoms of a demential symbol of a special flagues are despitation of a demential symbol of a special flagues are despitation of a demential symbol of a special flagues are despitation of a demential symbol of a special flagues are despitation of a demential symbol of a special flagues are despitation of a demential symbol of a special flagues are despitation of a demential symbol of a special flagues are despitation of a demential symbol of a special flagues are despitation of a demential symbol of a despitation of a despita



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also impacts over 15 million concerned with memory which contribution from the first pit in recognite dema. This is the true reflect.

Standignerity is an important family member, firsted and gradually spreads to other remove into a formary and present or event to transe pitches on our caregivers in coro courts; 15 gos. problems. They often come like to celebrate because of million are suffering The initial damage occurs in and Culturg with fields, existin

## Career 360°





#### SOUL OF PHARMA PROFESSION IS IN RESEARCH AND DEVELOPMENT

Dr. K. S. Murali Krishna, Professor & Principal, MLR Institute of Pharmacy, Dundigal, speaks to Careers360 on problems that pharma education faces in India...

# Indigenous Space

## "Phytotherapeutic Approaches for the Treatment of Huntington's Disease"

Huntington's disease.

8.4 per 100,000 people. In India, ing Alzheimer's, Parkinson's and is closer to that occurs in (ALS). Western Europe.

neurodegenerative disorder of causes virtually all Huntington's dis- ular genetics, oxidative stress, excithe central nervous system char- ease. The Huntington gene defect in- totoxicity, metabolic dysfunction, and acterized by unwanted choreatic volves extra repeats of one specific mitochondrial impairment have been movements, behavioural and psy-chemical code in one small section of proposed to explain the pathogenesis chiatric disturbances, and de- chromosome 4. The normal huntingtin of neuronal dysfunction and cell mentia. Most people with Hungene includes 17 to 20 repetitions of death. Despite no treatment is availatington's disease develop signs this code among its total of more than ble to fully stop the progression of the and symptoms in their 30s or 3,100 codes. The defect that causes disease, there are treatments availa-40s. But the disease may emerge Huntington's disease includes 40 or ble to help control the chorea. earlier or later in life. When the more repeats. Genetic tests for Hundisease develops before age 20, tington's disease measure the number Nature is the best combinatorial the condition is called juvenile of repeats present in an individual's chemist and possibly has answers to huntingtin protein gene.

HD currently occurs in many dif- Scientists don't yet understand the throughout the world have a direct countries and ethnic normal function of huntingtin protein pharmacological action on the body. groups across the globe. It has a or how a few dozen extra repeats in its Natural compounds with the effects worldwide prevalence of five to genetic blueprint lead to the devastat- of anti-oxidant, anti-inflammation, eight per 100,000 people with no ing symptoms of Huntington's disease. calcium gender predominance. Europe Researchers are eager to solve these apoptosis, and neurofunctional reguand countries of European origin mysteries to find the answer to Hun- lation exhibit preventive or therapeuhave utmost frequencies of HD. tington's. These solutions also may tic effects on various neurodegenera-In the USA, estimates of the prev- offer important insights into a wide tive diseases. Some of the plants and alence of HD range from 4.1 to range of other brain disorders, includ- phytochemicals that have shown effipervasiveness of HD is higher ease and amyotrophic lateral sclerosis impairment, a widely used animal

Huntington disease (HD) is a rare The defective gene identified in 1993 Various hypotheses, including molec-

all diseases of mankind. Many of the thousands of plant species growing antagonization, antidis- cacy against 3-NP-induced neuronal model for HD, are discussed below:

S. NO	BOTANICAL NAME	FAMILY	PART USED	PHYTOCONSTITUTES	
1	Ginkgo biloba	Ginkgoaceae	Leaves	Ginkgolide A-C, Ginkgolide J-M Quercetin, Kaempferol	
2	Withania somnifera	Solanaceae	Roots	Sitoindosides VII-X, Withaferin A	
3	Curcuma longa	Zingiberaceae	Rhizomes	Desmethoxycurcumin Bis-desmethoxycurcumin	
4	Panax ginseng	Araliaceae	Roots	Ginsenoside, Panaxadiols, Panaxatriols	
5	Centella asiatica	Umbelliferae	Seeds	Asiaticoside, Asiatic acid, Madecassoside, Madecassic acid	
6	Tripterygium wilfordii	Celastraceae	Flowers	Celastrol	

Dr. Arunabha Mallik, M. Pharm, Ph.D, Professor /Adiraju Usha Lalitha, B. Pharm IV year

# NSS Activities

#### Pharmacist's Day ralley in Dundigal village



# ఎమ్మెల్లార్ఐటిఎంలో మెగా రక్తదాన శిజరం

## 150 యూనిట్లు రక్తాన్ని దానం చేసిన ఎమ్మెల్లార్ విద్యార్థులు

మండిగర్, మార్చి 19 భుళామార్త : సగరశివారు కుక్కుల్లపూర్ నియోజ కుర్గం, దుండిగర్ (గామ మరిల్లరో) మల్లి లక్ష్మణ్రెడ్డి బస్టేట్లుక్టర్ నియోజ కొల్లాతిగిమ్మొందిందునిం, మల్ల లక్ష్మణ్రెడ్డి బస్టేట్లుక్టర్ ఎక్కారున్నుల్లరోను కళాశాల్లో ఎస్ఎస్ఎస్. ఇమ్మేన్ పైక్యశాలల అధ్యర్యంలో మంగగవారం మెగా కట్రాతంగా పాల్పెన్ 150యానిల్లు భార్యక్తాలో మరింగు మర్పు మండి వేశారు. మ్మైశాల్లగే మెగ్గికుంట్లు అధ్యక్షల్లు ఎమ్మెఖాల్లర్ రాజశీఖరొక్కి రక్షలనా శిబిరాన్ని సంహార్లుని మాగ్గులను అభిసందించకుంతో పాటు మండ్లు మండికే పోలును సరిస్తుపాల్లో ని.మెగ్గినికు తిశ్రీతాల మండులో పోలు మరిస్ట్ పార్యక్షలున్నా అమారాన్ మెర్గారుల్లు మనిస్తుపాలు అన్న మర్గులు మరిలు తిలుగునుంతగాగ్. అయ్యకుకులను ప్రక్తుక్తాలని అనిసిందించారు. ఎమ్మెఖాల్ల్ మరింగున్న శిశిశాల్లు. మరిల్లనే మాజ్మారుకా అన్ని దానాల కుటే కట్టణంగు గొప్పుడుని శిశిశాల్లను గాసం లాగ్లాల మరోకిల ప్రశాలలను కానిటిగునుని వైద్యశాల వైర్యర్ కోటయ్య, ఇమ్మ్ వైర్యం

trict, Telangana.



రక్తదానం చేసిన విద్యార్థులకు పండ్లు పంపిణి చేస్తున్న ఎమ్మెల్లార్ రాజశేఖ డా.వికల్, డా.శాంతి, సిబ్బంది, అధ్యాపకులు, విద్యార్థులు పాల్సోనా

Free **Health Camp** by MLR Group of Institutions at all adopted villages under UBA Scheme - Students of MLRIP have actively participated in serving the basic health aides, also **patient counselling** has been done which created comfortable environment for the people around.

The medical camp included check up by four specialists from four departments of Ophthalmology, Orthopaedics, General medicine and Dentistry from Malla Reddy Multispecialty hospital.



Free Hepatitis B Vaccination programme has been conducted in Government Schools (ZPHS & MPPS) of NUTHANKAL, GOWDAVALLY, SRIRANGAVARAM villages, Medchal, Malkajgiri Dis-



## Confluence Model United Nations 2019 (MUN)

Confluence Model United Nations 2019 was held from *February 1<sup>st</sup> to 3<sup>rd</sup>, 2019* at the Marri Laxman Reddy Institute of Technology, Management and Pharmacy (MLRITM and MLRIP). The three-day conference witnessed the participation of *130 students from across India* as delegates to discuss, deliberate and debate on agenda of international importance from the point of view of diplomats of various nations.







# **Placements**

# Bioclinica







# Hetero Labs



# **Omics International**



S. NO	COMPANY	JOB PROFILE	COURSE	NO. OF STUDENTS PLACED
01	Bioclinica	Drug Safety Associate	B. Pharm	09
02	OMICS International	Analyst	B. Pharm	06
03	DIVI's Laboratories	Production	B. Pharm	05
04	Hinduja Global Solutions	Trainee Consultant	B. Pharm	17
05	Hetero Labs	QC/QA	B. Pharm	07
06	Doctus Software Solutions	Review Analyst	B. Pharm	09
07	Optimus Group	Production/QC/QA	B. Pharm	02
08	Bioclinica	Drug Safety Associate	Pharm. D	07
09	Palamuru Bioscience	Pre-Clinical Trial Analyst	Pharm. D	03
10	Cygnus Institute of Gasteroen- terology	Clinical Pharmacist	Pharm. D	01